

# Converting Colors

YUV(37.7340, 0.1311, 4.6183)

Have a look what the booklet for  
YUV(37.7340, 0.1311, 4.6183)  
contains.

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# Color

**YUV(37.7340, 0.1311,  
4.6183)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2B2326
RGB	43, 35, 38
RGB Percent	17%, 14%, 15%
CMY	0.8314, 0.8627, 0.8510
CMYK	0.00, 0.19, 0.12, 0.83
HSL	338°, 10%, 15%
HSV	338°, 19%, 17%
XYZ	1.9471, 1.8556, 2.0893
YIQ	37.7340, 3.8050, 2.6290

# Conversions

## Conversions Part 2

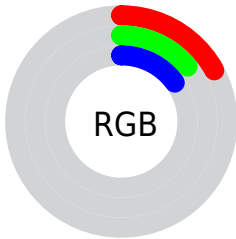
Format	Color
<a href="#">RYB</a>	<a href="#">43, 35, 38</a>
Decimal	<a href="#">2827046</a>
CIELab	<a href="#">14.71, 4.44, -0.59</a>
CIElCh	<a href="#">15, 4.479, 352.371</a>
Yxy	<a href="#">1.8556, 0.3305, 0.3149</a>
Android (android.graphics.Color)	<a href="#">4281017126</a> ( <a href="#">0xFF2B2326</a> )
YUV	<a href="#">37.7340, 0.1311, 4.6183</a>
Hunter-Lab	<a href="#">13.6220, 1.6764, 0.4419</a>

# Details

The YUV color **37.7340, 0.1311, 4.6183** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **40.2660, -0.1311, -4.6183**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.1470, 0.4205, 5.1331**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **35.0440, -0.0217, 6.9774**, and if you desaturate by 10%, it is **40.4240, 0.2840, 2.2592**.

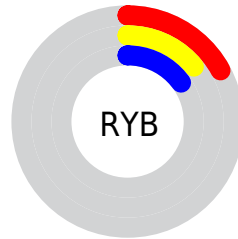
# Distribution



Red (17%)

Green (14%)

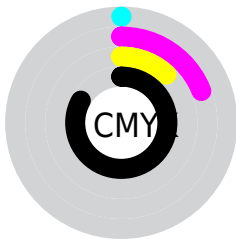
Blue (15%)



Red (17%)

Yellow (14%)

Blue (15%)

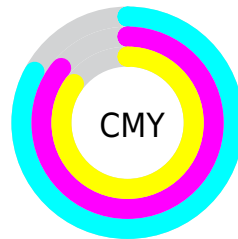


Cyan (0%)

Magenta (19%)

Yellow (12%)

Black (83%)



Cyan (83%)

Magenta (86%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 37.7340, 0.1311, 4.6183 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 37.7340, 0.1311, 4.6183 by changing the saturation by 10% instead.



■ 37.7340, 0.1311,  
4.6183

■ 37.7340, 0.1311,  
4.6183

■ 255.0000, 0.0000,  
0.0000

■ 16.4460, 0.2731,  
5.7479

■ 82.1470, 0.4205,  
5.1331

■ 0.0000, 0.0000,  
0.0000

■ 106.4460, 0.2731,  
5.7479

■ 131.4460, 0.2731,  
5.7479

■ 157.7450, 0.1257,  
6.3626

■ 184.7450, 0.1257,  
6.3626

■ 212.7450, 0.1257,

6.3626

240.7450, 0.1257,  
6.3626

37.7340, 0.1311,  
4.6183

37.7340, 0.1311,  
4.6183

35.0440, -0.0217,  
6.9774

40.4240, 0.2840,  
2.2592

31.8810, 0.5517,  
9.7514

43.5870, -0.2894,  
-0.5148

29.1910, 0.3988,  
12.1105

46.2770, -0.1366,  
-2.8739

26.5010, 0.2460,  
14.4696

48.9670, 0.0163,  
-5.2331

23.9250, 0.5300,  
16.7288

52.1300, -0.5571,  
-8.0070

■ 20.6480, 0.6665,  
19.6027

■ 54.8200, -0.4043,  
-10.3661

■ 17.9580, 0.5137,  
21.9618

■ 57.5100, -0.2514,  
-12.7253

■ 15.3820, 0.7977,  
24.2210

■ 60.2000, -0.0986,  
-15.0844

■ 14.6810, 0.6503,  
24.8358

■ 63.3630, -0.6720,  
-17.8584

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



37.7660, 1.5944, 1.9592



37.7340, 0.1311, 4.6183



37.6910, -1.3267, 5.5330

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37.7340, 0.1311, 4.6183



36.9030, -2.9102, 0.0851



36.0640, 2.9264, -5.3181

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



37.7340, 0.1311, 4.6183



40.2660, -0.1311, -4.6183

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



36.0100, 1.4741, -6.1478



37.7340, 0.1311, 4.6183



35.9350, -1.4470, -2.5740

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



37.7340, 0.1311, 4.6183



37.2130, -3.0630, 2.4442



35.9670, 0.0163, -5.2331



37.0750, 2.9210, -3.5738



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



37.7340, 0.1311, 4.6183



37.1640, -2.0529, 5.1182



35.9670, 0.0163, -5.2331



36.2380, 2.3477, -6.3477

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



37.7340, 0.1311, 4.6183



54.0110, -0.0054, 1.7444



37.4070, 2.7573, 2.2741



26.7120, 0.1420, 1.1296



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.7340, 0.1311, 4.6183



48.0440, -0.0217, 6.9774



37.9790, -1.4686, 4.4034



18.7120, 0.1420, 1.1296



28.7640, 1.5953, 48.4420



72.3940, 3.2568, 122.4345



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



37.7340, 0.1311, 4.6183



48.0440, -0.0217, 6.9774



40.0210, 1.4686, -4.4034



18.7120, 0.1420, 1.1296



28.7640, 1.5953, 48.4420

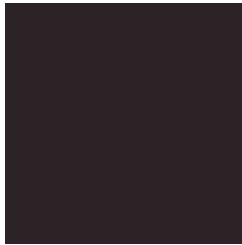


72.3940, 3.2568, 122.4345



# Previews

## White Background



This preview shows how the YUV color 37.7340, 0.1311, 4.6183 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

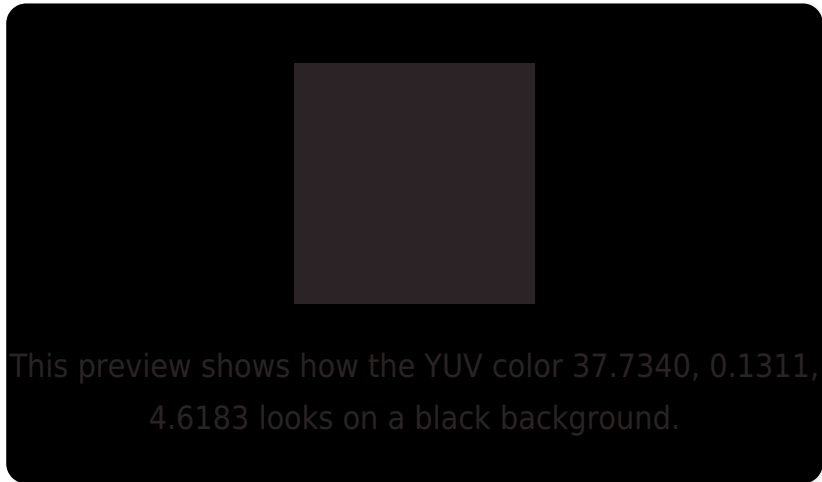
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

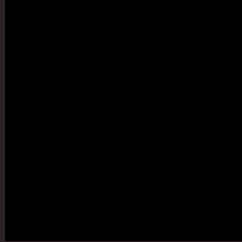
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YUV 37.7340, 0.1311, 4.6183**

## **Background**



This preview shows how black text looks on a background with the YUV color 37.7340, 0.1311, 4.6183.



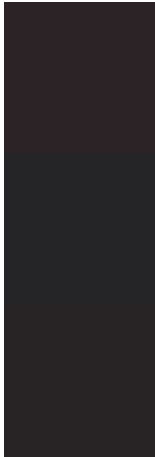
This preview shows how white text looks on a background with the YUV color 37.7340, 0.1311,

4.6183.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

37.7340, 0.1311, 4.6183

### Protanopia

37.2280, 0.8736, -0.2000

### Deuteranopia

37.4240, 0.2840, 2.2592



## Tritanopia

37.7340, 0.1311, 4.6183

# Trichromacy



## Original Color

37.7340, 0.1311, 4.6183

## Protanomaly

37.2390, 0.8682, 1.5444

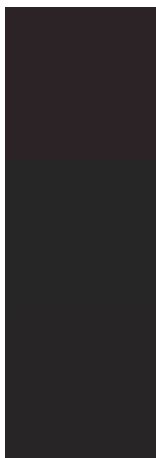
## Deuteranomaly

37.7230, 0.1366, 2.8739

## Tritanomaly

37.7340, 0.1311, 4.6183

# Monochromacy



## Original Color

37.7340, 0.1311, 4.6183

## Achromatopsia

38.0000, 0.0000, 0.0000

## Achromatomaly

38.0110, -0.0054, 1.7444

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 37.7340, 0.1311, 4.6183 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(43, 35, 38)` looks like.

```
.text, #text, p{  
  color:rgb(43, 35, 38)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(43, 35, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 35, 38) }
```

## Border

The CSS property to change the border of an element to YUV 37.7340, 0.1311, 4.6183 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(43, 35, 38) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(43, 35, 38) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(43, 35, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 35, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 35, 38);  
box-shadow:4px 4px 4px 4px rgb(43, 35, 38)  
}
```

# Background

The CSS property to change the background color of an element to YUV 37.7340, 0.1311, 4.6183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 35, 38) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(43, 35,  
38) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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